

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041322\  
 Data File : VU048026.D  
 Acq On : 14 Apr 2022 00:17  
 Operator : SY/MD  
 Sample : N2386-10  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0J08

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

Signal : TIC: VU048026.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.600       | 73            | 81          | 91           | rBV      | 141797         | 176043        | 14.08%          | 1.775%        |
| 2         | 1.916       | 171           | 179         | 201          | rVB      | 116411         | 167794        | 13.42%          | 1.692%        |
| 3         | 2.568       | 369           | 382         | 396          | rBV      | 239801         | 395574        | 31.65%          | 3.988%        |
| 4         | 2.768       | 429           | 444         | 462          | rBV      | 38972          | 84034         | 6.72%           | 0.847%        |
| 5         | 2.906       | 485           | 487         | 494          | rBV3     | 626            | 680           | 0.05%           | 0.007%        |
| 6         | 3.047       | 528           | 531         | 541          | rVB6     | 868            | 1097          | 0.09%           | 0.011%        |
| 7         | 3.173       | 568           | 570         | 572          | rBV      | 664            | 423           | 0.03%           | 0.004%        |
| 8         | 3.472       | 661           | 663         | 669          | rVB2     | 460            | 248           | 0.02%           | 0.003%        |
| 9         | 3.543       | 682           | 685         | 687          | rBV      | 663            | 471           | 0.04%           | 0.005%        |
| 10        | 3.616       | 705           | 708         | 716          | rVB3     | 563            | 475           | 0.04%           | 0.005%        |
| 11        | 3.652       | 717           | 719         | 729          | rVV3     | 260            | 281           | 0.02%           | 0.003%        |
| 12        | 4.465       | 966           | 972         | 974          | rBV      | 210            | 235           | 0.02%           | 0.002%        |
| 13        | 4.555       | 998           | 1000        | 1009         | rBV2     | 224            | 201           | 0.02%           | 0.002%        |
| 14        | 4.623       | 1009          | 1021        | 1064         | rBV      | 128379         | 325833        | 26.07%          | 3.285%        |
| 15        | 4.854       | 1090          | 1093        | 1096         | rVB2     | 392            | 257           | 0.02%           | 0.003%        |
| 16        | 4.899       | 1104          | 1107        | 1115         | rVB2     | 300            | 268           | 0.02%           | 0.003%        |
| 17        | 4.932       | 1115          | 1117        | 1125         | rVB2     | 297            | 285           | 0.02%           | 0.003%        |
| 18        | 5.067       | 1141          | 1159        | 1186         | rBV      | 210985         | 468164        | 37.46%          | 4.720%        |
| 19        | 5.211       | 1200          | 1204        | 1207         | rVB2     | 291            | 225           | 0.02%           | 0.002%        |
| 20        | 5.285       | 1223          | 1227        | 1231         | rBV2     | 241            | 275           | 0.02%           | 0.003%        |
| 21        | 5.726       | 1337          | 1364        | 1403         | rBV2     | 438310         | 1249880       | 100.00%         | 12.601%       |
| 22        | 6.115       | 1483          | 1485        | 1490         | rVB2     | 310            | 243           | 0.02%           | 0.002%        |
| 23        | 6.250       | 1512          | 1527        | 1547         | rBV      | 382039         | 729457        | 58.36%          | 7.354%        |
| 24        | 6.446       | 1584          | 1588        | 1589         | rBV      | 360            | 202           | 0.02%           | 0.002%        |
| 25        | 6.491       | 1596          | 1602        | 1604         | rVB3     | 385            | 294           | 0.02%           | 0.003%        |
| 26        | 6.530       | 1609          | 1614        | 1617         | rBV4     | 956            | 1170          | 0.09%           | 0.012%        |
| 27        | 6.565       | 1623          | 1625        | 1631         | rVB3     | 338            | 234           | 0.02%           | 0.002%        |
| 28        | 6.694       | 1650          | 1665        | 1687         | rBV      | 275678         | 536883        | 42.95%          | 5.413%        |
| 29        | 6.983       | 1751          | 1755        | 1760         | rVB3     | 246            | 262           | 0.02%           | 0.003%        |
| 30        | 7.041       | 1769          | 1773        | 1776         | rBV3     | 250            | 233           | 0.02%           | 0.002%        |
| 31        | 7.182       | 1809          | 1817        | 1829         | rVV3     | 3448           | 6321          | 0.51%           | 0.064%        |
| 32        | 7.275       | 1841          | 1846        | 1849         | rVV      | 362            | 283           | 0.02%           | 0.003%        |
| 33        | 7.407       | 1882          | 1887        | 1890         | rBV3     | 522            | 470           | 0.04%           | 0.005%        |
| 34        | 7.568       | 1924          | 1937        | 1957         | rBV      | 133040         | 235699        | 18.86%          | 2.376%        |
| 35        | 7.655       | 1962          | 1964        | 1966         | rVV2     | 405            | 206           | 0.02%           | 0.002%        |
| 36        | 7.690       | 1966          | 1975        | 1987         | rVV2     | 2601           | 4505          | 0.36%           | 0.045%        |

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 37 | 7.764  | 1995 | 1998 | 2001 | rBV3 | 344    | 225     | 0.02%  | 0.002%  |
| 38 | 7.899  | 2025 | 2040 | 2056 | rBV  | 540302 | 923103  | 73.86% | 9.306%  |
| 39 | 8.099  | 2100 | 2102 | 2108 | rVB2 | 494    | 401     | 0.03%  | 0.004%  |
| 40 | 8.128  | 2108 | 2111 | 2115 | rVB2 | 278    | 210     | 0.02%  | 0.002%  |
| 41 | 8.179  | 2115 | 2127 | 2146 | rBV2 | 95104  | 165392  | 13.23% | 1.667%  |
| 42 | 8.420  | 2199 | 2202 | 2205 | rBV2 | 272    | 201     | 0.02%  | 0.002%  |
| 43 | 8.578  | 2249 | 2251 | 2256 | rBV  | 283    | 246     | 0.02%  | 0.002%  |
| 44 | 8.636  | 2256 | 2269 | 2309 | rBV  | 400195 | 732515  | 58.61% | 7.385%  |
| 45 | 8.854  | 2334 | 2337 | 2342 | rVB3 | 310    | 255     | 0.02%  | 0.003%  |
| 46 | 8.880  | 2342 | 2345 | 2351 | rVB3 | 468    | 529     | 0.04%  | 0.005%  |
| 47 | 8.986  | 2374 | 2378 | 2381 | rBV  | 252    | 201     | 0.02%  | 0.002%  |
| 48 | 9.066  | 2401 | 2403 | 2407 | rVB  | 298    | 243     | 0.02%  | 0.002%  |
| 49 | 9.099  | 2407 | 2413 | 2416 | rBV2 | 371    | 430     | 0.03%  | 0.004%  |
| 50 | 9.140  | 2423 | 2426 | 2429 | rBV3 | 288    | 212     | 0.02%  | 0.002%  |
| 51 | 9.160  | 2429 | 2432 | 2435 | rBV3 | 327    | 261     | 0.02%  | 0.003%  |
| 52 | 9.288  | 2466 | 2472 | 2477 | rBV2 | 341    | 400     | 0.03%  | 0.004%  |
| 53 | 9.349  | 2487 | 2491 | 2494 | rBV  | 292    | 252     | 0.02%  | 0.003%  |
| 54 | 9.417  | 2499 | 2512 | 2548 | rVV  | 584339 | 1018480 | 81.49% | 10.268% |
| 55 | 9.545  | 2550 | 2552 | 2554 | rVV3 | 336    | 209     | 0.02%  | 0.002%  |
| 56 | 9.574  | 2558 | 2561 | 2566 | rVB2 | 642    | 540     | 0.04%  | 0.005%  |
| 57 | 9.655  | 2583 | 2586 | 2590 | rVB3 | 367    | 267     | 0.02%  | 0.003%  |
| 58 | 9.703  | 2592 | 2601 | 2607 | rBV4 | 667    | 1035    | 0.08%  | 0.010%  |
| 59 | 10.105 | 2720 | 2726 | 2730 | rBV3 | 589    | 705     | 0.06%  | 0.007%  |
| 60 | 10.121 | 2730 | 2731 | 2737 | rVV  | 360    | 218     | 0.02%  | 0.002%  |
| 61 | 10.176 | 2746 | 2748 | 2753 | rVB2 | 427    | 251     | 0.02%  | 0.003%  |
| 62 | 10.201 | 2753 | 2756 | 2759 | rBV  | 311    | 234     | 0.02%  | 0.002%  |
| 63 | 10.324 | 2791 | 2794 | 2800 | rVB2 | 273    | 254     | 0.02%  | 0.003%  |
| 64 | 10.523 | 2852 | 2856 | 2860 | rVB2 | 257    | 238     | 0.02%  | 0.002%  |
| 65 | 10.607 | 2876 | 2882 | 2889 | rBV2 | 395    | 665     | 0.05%  | 0.007%  |
| 66 | 10.674 | 2896 | 2903 | 2910 | rVB4 | 1359   | 1899    | 0.15%  | 0.019%  |
| 67 | 10.758 | 2916 | 2929 | 2950 | rBV  | 420440 | 681903  | 54.56% | 6.875%  |
| 68 | 10.864 | 2957 | 2962 | 2963 | rBV2 | 357    | 248     | 0.02%  | 0.003%  |
| 69 | 10.896 | 2964 | 2972 | 2981 | rVB2 | 2726   | 4215    | 0.34%  | 0.042%  |
| 70 | 11.314 | 3096 | 3102 | 3106 | rBV2 | 272    | 351     | 0.03%  | 0.004%  |
| 71 | 11.340 | 3106 | 3110 | 3115 | rVB3 | 230    | 245     | 0.02%  | 0.002%  |
| 72 | 11.375 | 3115 | 3121 | 3124 | rBV2 | 357    | 435     | 0.03%  | 0.004%  |
| 73 | 11.430 | 3135 | 3138 | 3140 | rBV2 | 278    | 239     | 0.02%  | 0.002%  |
| 74 | 11.455 | 3141 | 3146 | 3147 | rBV  | 725    | 574     | 0.05%  | 0.006%  |
| 75 | 11.526 | 3165 | 3168 | 3171 | rBV  | 351    | 261     | 0.02%  | 0.003%  |
| 76 | 11.639 | 3201 | 3203 | 3206 | rBV  | 344    | 248     | 0.02%  | 0.003%  |

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Min Area: 0 % of largest Peak

Start Thrs: 0.2

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 11.664 | 3208 | 3211 | 3215 | rVV  | 371    | 310     | 0.02%  | 0.003%  |
| 78  | 11.697 | 3218 | 3221 | 3225 | rVV3 | 818    | 606     | 0.05%  | 0.006%  |
| 79  | 11.745 | 3232 | 3236 | 3242 | rVB4 | 677    | 719     | 0.06%  | 0.007%  |
| 80  | 11.812 | 3243 | 3257 | 3281 | rBV  | 639404 | 1020109 | 81.62% | 10.284% |
| 81  | 12.073 | 3329 | 3338 | 3346 | rBV4 | 4069   | 7512    | 0.60%  | 0.076%  |
| 82  | 12.137 | 3354 | 3358 | 3359 | rBV2 | 333    | 245     | 0.02%  | 0.002%  |
| 83  | 12.195 | 3362 | 3376 | 3397 | rVV  | 565020 | 935270  | 74.83% | 9.429%  |
| 84  | 12.327 | 3413 | 3417 | 3420 | rBV3 | 430    | 342     | 0.03%  | 0.003%  |
| 85  | 12.459 | 3455 | 3458 | 3460 | rBV  | 351    | 209     | 0.02%  | 0.002%  |
| 86  | 12.481 | 3462 | 3465 | 3467 | rVV2 | 347    | 201     | 0.02%  | 0.002%  |
| 87  | 12.520 | 3474 | 3477 | 3481 | rBV2 | 338    | 364     | 0.03%  | 0.004%  |
| 88  | 12.703 | 3532 | 3534 | 3540 | rBV3 | 251    | 297     | 0.02%  | 0.003%  |
| 89  | 12.774 | 3553 | 3556 | 3559 | rBV  | 333    | 283     | 0.02%  | 0.003%  |
| 90  | 12.848 | 3575 | 3579 | 3582 | rBV  | 401    | 329     | 0.03%  | 0.003%  |
| 91  | 12.896 | 3589 | 3594 | 3606 | rVB7 | 1559   | 2311    | 0.18%  | 0.023%  |
| 92  | 12.973 | 3613 | 3618 | 3623 | rBV3 | 954    | 1039    | 0.08%  | 0.010%  |
| 93  | 13.031 | 3634 | 3636 | 3638 | rBV  | 357    | 236     | 0.02%  | 0.002%  |
| 94  | 13.221 | 3692 | 3695 | 3698 | rBV3 | 446    | 329     | 0.03%  | 0.003%  |
| 95  | 13.333 | 3726 | 3730 | 3734 | rBV2 | 664    | 607     | 0.05%  | 0.006%  |
| 96  | 13.851 | 3883 | 3891 | 3895 | rBV4 | 1650   | 1978    | 0.16%  | 0.020%  |
| 97  | 14.896 | 4213 | 4216 | 4223 | rVB4 | 593    | 524     | 0.04%  | 0.005%  |
| 98  | 15.548 | 4412 | 4419 | 4428 | rVB7 | 4948   | 7424    | 0.59%  | 0.075%  |
| 99  | 15.584 | 4428 | 4430 | 4431 | rBV2 | 587    | 277     | 0.02%  | 0.003%  |
| 100 | 16.391 | 4676 | 4681 | 4694 | rVB9 | 6647   | 9735    | 0.78%  | 0.098%  |

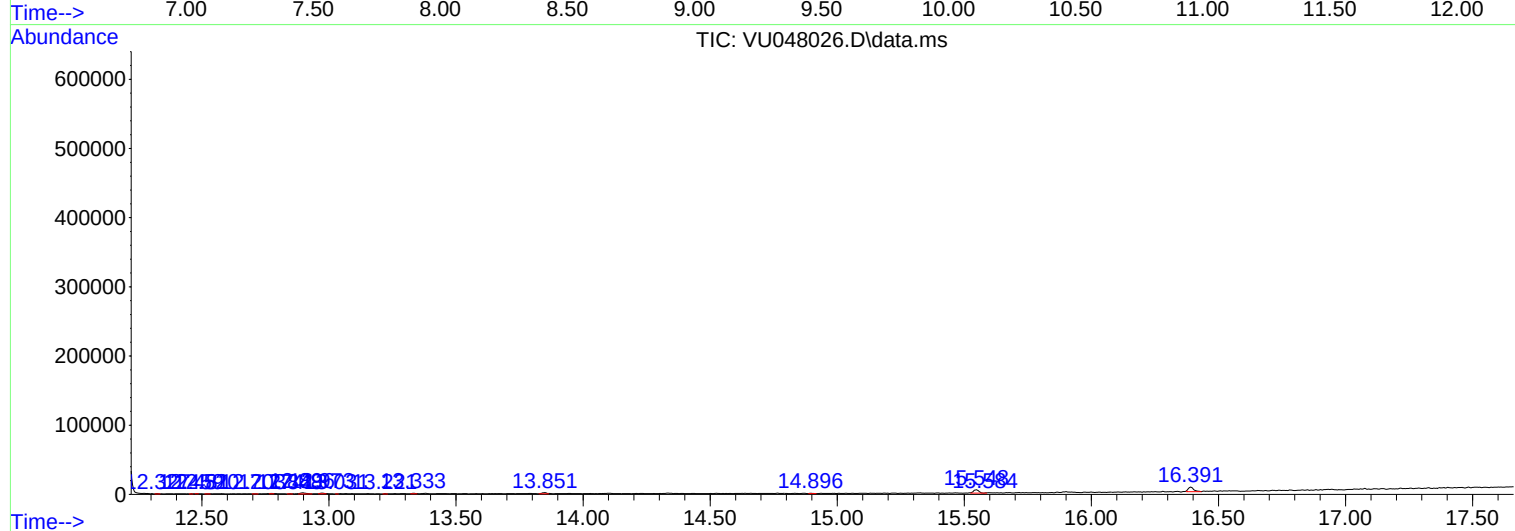
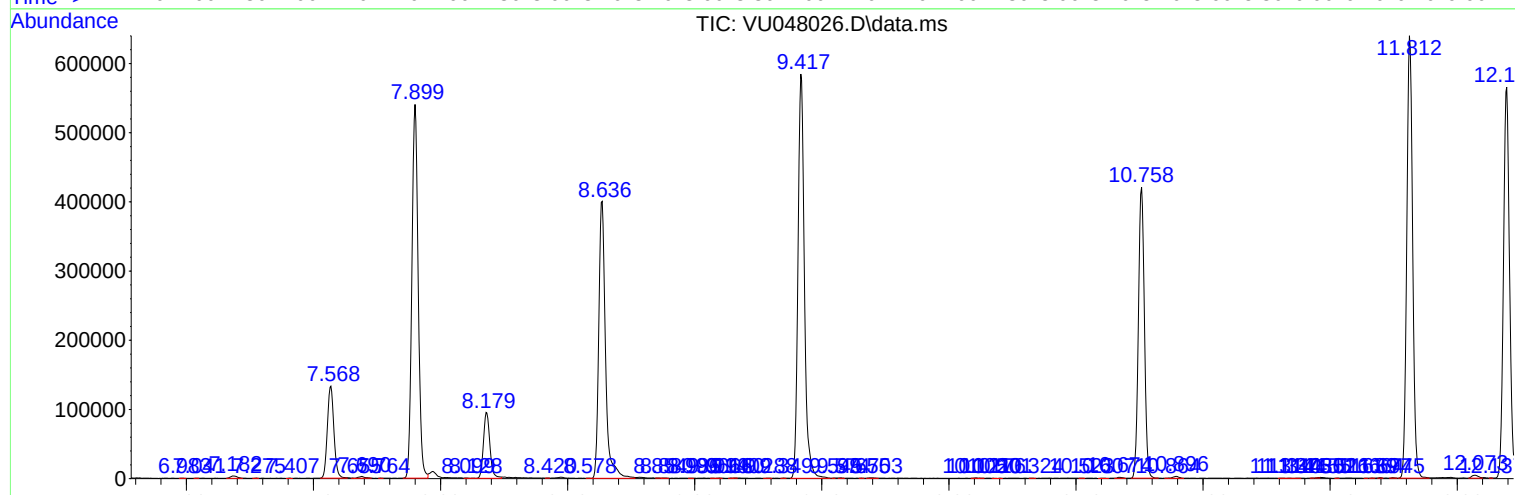
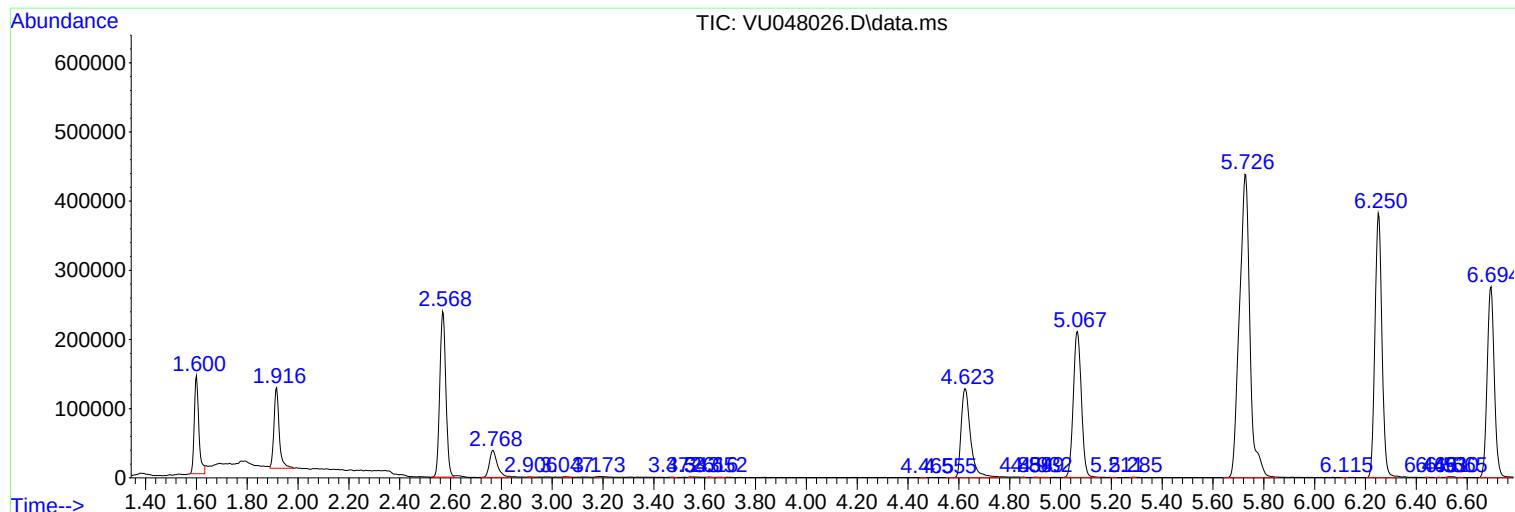
Sum of corrected areas: 9919251

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Instrument :  
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C0J08

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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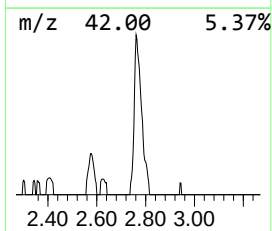
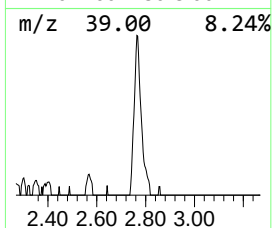
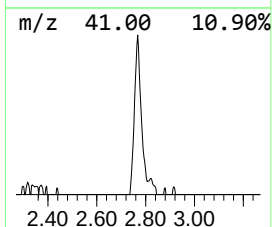
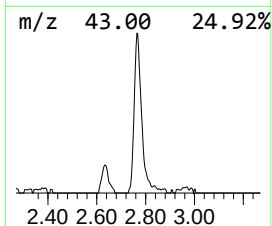
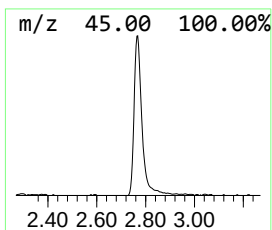
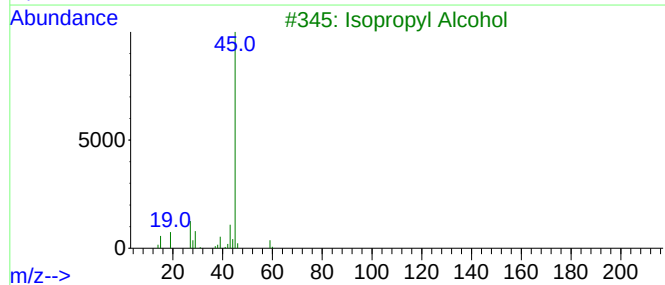
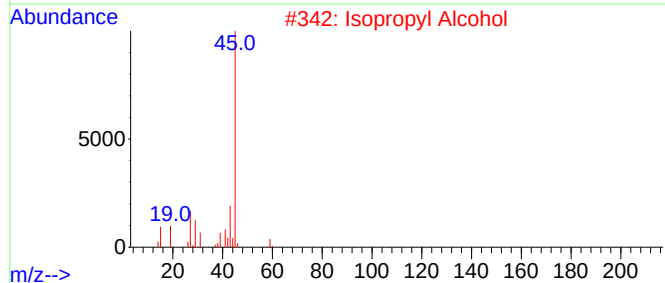
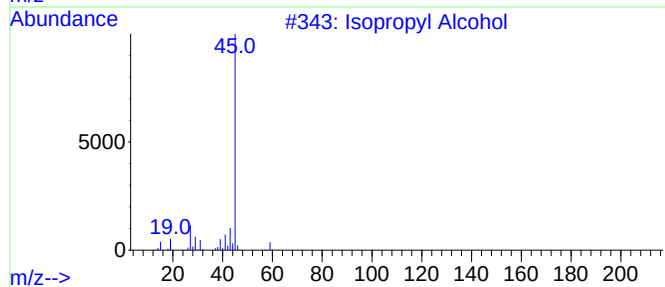
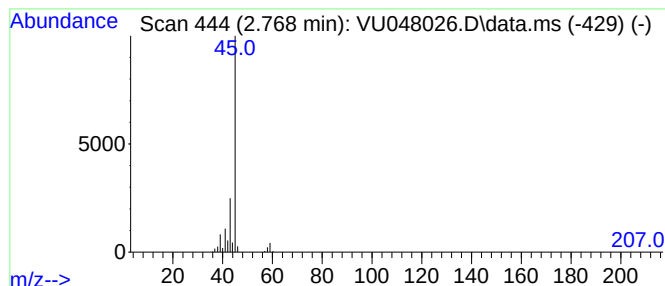
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.768 | 5.76 ug/L | 84034 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of                | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-------------------|---|--------------|----|---------|-------------|------|
| 1    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 64   |
| 4    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 56   |
| 5    | Isopropyl Alcohol |   |              | 60 | C3H8O   | 000067-63-0 | 9    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol | 2.768 | 5.8     | ug/L  | 84034    | 1                     | 6.250 | 729457 | 50.0 |